

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S4    | 1    | JP-3092546-\$.did.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/09/07 09:49 |
| S5    | 1    | JP-04143423-\$.did.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/09/09 15:55 |
| S6    | 1    | JP-03092546-\$.did.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/09/07 09:58 |
| S7    | 2    | JP-2000170566-\$.did.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/09/07 10:18 |
| S8    | 2    | JP-10227226-\$.did.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/09/09 15:32 |
| S9    | 2    | JP-10037773-\$.did.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/09/07 10:01 |
| S10   | 2    | JP-2000310120-\$.did.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/09/07 10:19 |
| S11   | 1    | 2001-037122.NRAN.   | DERWENT   | OR               | OFF     | 2004/09/07 10:20 |
| S14   | 4356 | 123/90.15.ccls. or 123/90.16.ccls.<br>or 123/90.17.ccls. or 123/90.18.<br>ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/09/07 10:33 |
| S15   | 1431 | 123/90.11.ccls. or 123/90.12.ccls.<br>or 123/90.13.ccls.                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/09/07 10:33 |

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S18 | 107 | (intake near4 valve near4 open\$4)<br>same (exhaust near4 valve near4<br>open\$4) same (after near4<br>combustion) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/09/07 11:56 |
| S21 | 11  | "6279550"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/09/08 11:05 |
| S26 | 10  | "6164931"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/09/08 15:38 |
| S27 | 3   | "6474291"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/09/08 16:46 |
| S28 | 2   | "6761147"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/09/08 16:47 |
| S30 | 2   | JP-10252511-\$.did.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/09/09 15:32 |
| S31 | 110 | Iwashita-yoshihiro.in.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/09/09 15:55 |
| S32 | 61  | Kikori-shigeo.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/09/09 15:56 |
| S33 | 133 | shiratani-kazuhiko.in.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/09/09 15:56 |
| S34 | 34  | yoeda-keiji.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/09/09 15:57 |

|     |     |                      |   |    |     |                  |
|-----|-----|----------------------|---|----|-----|------------------|
| S35 | 43  | ogiso-makoto.in.     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/09/09 15:57 |
| S36 | 246 | nishida-hideyuki.in. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/09/09 15:57 |
| S37 | 52  | yamada-tomomi.in.    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/09/09 15:58 |